

**Michigan Department of Environmental Quality**  
**Schedule for Noncommunity Water Supplies Required Testing**

**Total Coliform Monitoring**

Transient and Nontransient Noncommunity Water Supplies

Routine Sampling - One Annual Cycle

Systems that serve greater than 1000 persons / day Monthly <sup>1</sup>	●	●	●	●	●	●	●	●	●	●	●	●	Analytical Cost \$16 per sample
Systems that serve less than 1000 persons /day Quarterly	●			●			●			●			
Reduced Annual <sup>2</sup>	●												

*Please sample in advance of monitoring period end date to avoid problems if resampling is necessary.*

1. Two samples per month minimum. If population is greater than 2500 persons consult local health department or Department of Environmental Quality (DEQ).
2. Reduction must be in writing by local health department or DEQ, not applicable to systems serving over 1,000 persons.
3. DEQ Laboratory analytical cost per sample, subject to change. You may use any certified laboratory.

**Nitrate Monitoring**

Transient and Nontransient Noncommunity Water Supplies

Routine Sampling - One Annual Cycle

Nitrate (annual)	•	Analytical Cost <sup>7</sup> \$18 per sample
Nitrite (one time)	1 only, no further sampling required in subsequent years unless initial result is greater than 0 mg/l	

*Please sample in advance of monitoring period end date to avoid problems if resampling is necessary.*

**Additional Chemical Monitoring**

Nontransient Noncommunity Water Supplies Only

(Minimum Requirements)

Analyses	9 Year Monitoring Period					9 Year Monitoring Period					Analytical Cost <sup>7</sup> per sample
	3 Year Cycle		3 Year Cycle	3 Year Cycle	3 Year Cycle	3 Year Cycle	3 Year Cycle				
	2008-2010		2011-2013	2014-2016	2017-2019	2020-2022	2023-2025				
VOC <sup>4</sup>	●					●					\$100
SOC <sup>4</sup>	●					●					\$365
Metals <sup>5</sup>	●		●	●		●				\$102	
Cyanide <sup>5</sup>	●		●	●		●				\$25	
Lead & Copper <sup>6</sup>	6 mo ●	6 mo ●	1 yr ●	1 yr ●	●	●	●	●	●	\$26	
Arsenic <sup>8</sup>							●	●		\$18	

*Please sample in advance of monitoring period end date to avoid problems if resampling is necessary.*

4. Volatile/Synthetic Organic Chemicals (VOC/SOC) – a waiver based on no detects and low vulnerability allows 1 per 6 year reduction, otherwise, quarterly sampling and additional parameters are required, contact your local health department or the DEQ.
5. Metals and Cyanide – 1 sample every 3 years, then can be reduced to 1 sample every 9 years if below maximum contaminant level.
6. Lead/Copper - Initial samples for two consecutive six month periods, then can be reduced to annual if below action level, then every 3 years.
7. DEQ Laboratory analytical cost per sample, subject to change. You may use any certified laboratory.
8. Arsenic – Initial sample must be less than 5ppb, if not, quarterly sampling for one year. Then can be reduced to 1 sample every 3 years if be below maximum contaminant level.

**Michigan Department of Environmental Quality**  
**Fee Schedule for Noncommunity Water Supplies Required Testing**

**MICROBIOLOGY**

Test Code	Fee	Sample Unit Number	Test Description
BPTC	\$16.00	30, 30A-6 bottles	Water Coliforms (total & E.coli)

**INORGANIC CHEMISTRY**

Test Code	Fee	Sample Unit Number	Test Description
R	\$18.00	32	Automated Partial Chemistry (fluoride, chloride, hardness, nitrate, nitrite, sulfate, sodium, iron)
CCN	\$25.00	36 CN	Cyanide Sample waived for systems with continuous chlorination

**METALS CHEMISTRY**

Test Code	Fee	Sample Unit Number	Test Description
CMET2	\$102.00	36ME	Metals (SB,AS,BA,BE,CD,CR,HG,PB,SE,NI,TL)
CCUB	\$26.00	36CC	Lead/Copper for corrosion control
CAS	\$18.00	36ME	Arsenic

**VOLATILE ORGANIC CHEMISTRY (VOC)**

Test Code	Fee	Sample Unit Number	Test Description
CXVO	\$100.00	36VO	Volatile Organic Compounds by GC/MS

**SYNTHETIC ORGANIC CHEMISTRY (SOC)**

Test Code	Fee	Sample Unit Number	Test Description
CXPT	\$125.00	36PT	Pesticides by GC/MS
CXHB	\$120.00	36HB	Chlorinated Acid Herbicides
CXLP	\$120.00	36LP	Carbamates by HPLC

**ADDITIONAL MONITORING IF TREATING WITH A DISINFECTANT** chlorine (gas or hypochlorite), chloramine, chlorine dioxide, or ozone (contact your Local Health Department or the DEQ before sampling)

Test Code	Fee	Sample Unit Number	Test Description
TTHM	\$65.00	36VO	Total TriHalomethanes
HAA5	\$130.00	36HA	Haloacetic Acids
CDBP	\$75.00	32A	Disinfection Byproducts – Bromate
CDBP	\$75.00	32A	Disinfection Byproducts – Chlorite

**ADDITIONAL VOC/SOC REQUIRED IF NO WAIVER IS ALLOWED** (contact your Local Health Department or the DEQ before sampling)

Test Code	Fee	Sample Unit Number	Test Description
CXEV	\$70.00	36VO	EDB AND DBCP by GC/MS
CXDQ	\$150.00	36DQ	Diquat & Paraquat
CXHA	\$130.00	36HA	Dalapon and Haloacetic
CXGY	\$100.00	36GY	Glyphosate
CXEN	\$150.00	36EN	Endothall

Costs and codes are unique to the DEQ laboratory and subject to change. You may use any laboratory certified by the DEQ to conduct the required tests. This summary depicts the commonly required testing for noncommunity water supplies. Additional information on schedule can be obtained at <http://www.michigan.gov/deqnoncommunitywatersupply>